

THE  
NKARC

# FEEDLINE



KENTUCKY HAMS IN ACTION

NORTHERN KENTUCKY AMATEUR RADIO CLUB - K4CO  
P.O. BOX 31, FT. MITCHEL, KY. 41017

Vol. 2  
Num. 10

OCT. 1975

CLUB MEETING: First Tuesday of the month at 8 p.m. Meeting location given below.  
Summer meetings held at members' QTH.

CLUB NET: Every Tuesday at 7:30 p.m. on 146.58 Mhz fm.

CLUB TRAILER: Located in Erlanger, Ky.

## COMING EVENTS

Sept. 28 Louisville Hamfest  
Ky National Guard Armory  
Oct. 7 NKARC MEETING  
10-11 ARRL Div. Convention, Ohio  
State Fairgrounds, Columbus  
12 Spring Mill State Park  
Hamfest, Indiana  
Nov. 4 NKARC MEETING  
8-9 SS CW Contest  
22-23 SS PHONE Contest

## \*\*\*\*FLASH\*\*\*\*FLASH\*\*\*\*FLASH\*\*\*\*FLASH\*\*\*\* WATER TOWER INSTALLATION PLAN GETS GO AHEAD

The Kenton County Water Commission approved NKARC's plans, as submitted, at its Sept. meeting. Much thanks goes to Roger Schmitt, WB4HDW, for handling all the paper work involved. Complete details on the plan are given below.

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## TRAILER UPDATE

The NKARC trailer site should look more like a communication center before winter arrives. The purchase of a 40' tower has been authorized by the club. Installation details were submitted to the Water Commission for approval before the Sept. meeting. The 40' tower will hold the TH3MK3 tribander and a two meter Bingo.

Included in the submitted details was a two meter antenna installation on top of the water tower. A 30' aluminum tower will support a Hustler antenna on the water tower cat-walk. At present, a portable mast houses the 2 mtr antenna behind the trailer.

Also in the planning is the purchase or construction of a utility building behind the trailer. The portable generator, antenna mast, and other items now stored in the trailer will be moved to this building - giving more working area in the trailer.

The trailer has been used for numerous committee meetings this summer (two last month), and has also served as net control location for communication exercises.

The program includes a flea market, manufacturers' exhibits, forums, banquet, and non-ham activities.

### OVER \$2000 IN PRIZES

Forum subjects cover ARRL, DX, state-of-the-art, contests, FM, VHF, ARPSC, ham training, army mars, and others. QST's ast. technical editor and a Collins Radio design engineer will be part of the state-of-the-art forum.

### REGISTRATION \$3 at the door

Family activities include touring the Ohio Historical Center and Ohio Village adjacent to convention. The country's largest ceramics trade show also at site.

Were you prepared for the minor tornado that struck Cincinnati last month? Was your 2 mtr portable charged and ready to go? The November issue of Feedline will contain an article on "Practical Weather Observation" by Joe Rice, W4RHZ.

SEPTEMBER MEETING (SEPT. 2, 1975)

The meeting was called to order by Bob Pents at 8:25 pm at the QTH of WA8OGS. The minutes of the previous meeting were approved as read.

Dick Johnson, WA4KUB, reported that no additional information has been received concerning the club's ARRL affiliation.

Earl Nichols, W4PII, reported on the Cystic Fibrosis Drive. It will take place on Sunday, Sept 14 at 5 p.m. Mobiles were needed for the event.

Harold Blocker, WB4VOA, reported on the Hydro-planes races on Sept. 7. Charlie Sweet, K4MEE, made a motion that the club provide communications for the event. The motion carried.

It was reported that the club still has an antenna at the old Covington Red Cross building that needs to be taken down.

Bill Mell, WA4KQB, reported on permanent club meeting locations. There are presently three possibilities:

- 1) Ft Thomas City Building
- 2) South Hills Civic Club (in Ft Wright)
- 3) Erlanger P.D.

The South Hills Club was favored by most because of the location - it's convenient to hams on both sides of the Licking river and also Cincinnati. A more detailed report will be given next month.

Roger Schmitt, WB4HDW, reported on the progress of the water tower location plans (see front page).

The committee for "2 mtr equipment" will meet on Sunday, Sept. 7. Bill Martin, K4JBV, is chairman.

Joe Burke, WA8OGS, made a motion to purchase 1000' of 8214 coax for the club water tower installations. WB4HDW quoted a price of 17¢ per foot. WB4VOA will also check prices. The motion passed and the best price will be obtained.

A property committee was set up to look into obtaining acreage for the club. Members are WA4KUB, K4JBV, WA8OGS, AND K4DMA (chairman). A full report will be given at a later meeting.

Gary Johnson, WB4FAT, made a motion that the antenna committee be authorized \$500 to purchase aluminum tower and other necessary items for the water tower installation. The motion carried.

WB4FAT and WA4KUB reported on their trip to Europe - ham radio contacts, etc.

Thanks was given to WA8OGS for the meeting location.

The meeting adjourned at 9:45 p.m. Refreshments and a movie followed.

ARRL FREQUENCY MEASURING TEST

September 7, 1975  
by Joe Rice, W4RHZ

Using the fundamental range of the Lampkin MFM Model 105-B serial 5097 beating against a 1 Mhz frequency standard and obtaining a range of 3500-3600 KHz. The MFM is read direct on 80, and on 40 meters the reading is doubled. On 20 meters the reading is quadrupled.

August QST gave the following information as to time and approximate frequencies:

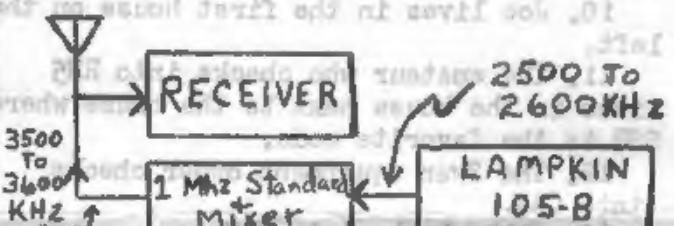
0137 ... 14117 KHz.

0145 ... 7079 "

0153 ... 3544 "

Here are my readings and times:  

time (EDST)	MFM reading	Frequency
9:47 P.M.	5201.4	7,077,803.8
9:54 P.M.	5288.0	3,542,369.3



W4RHZ'S SYSTEM

Ed: Such precision in frequency measurement is quite an accomplishment. Watch QST to see how close Joe's readings were.

ANOTHER USE FOR 146.58 Mhz.

A number of club members are becoming DX chasers on the low bands. Why not use 146.58 Mhz to announce the good DX after you work it. Get others to do the same, and it should be a lot easier to work those 100 (or 250) countries.

Also, with band conditions as poor as they are, you might also include just conditions in general - like 15, 10, or 6 meters being open.

And speaking of DX, is there anyone interested in sending in reports to the newsletter on DX activities? You might include 1) any new countries heard 2) DL-peditions - frequencies and times 3) any beacons (there are a lot of European ones on 28 mhz) etc.

Have any info or articles for your next Feedline? Send it to WA8OGS, 6381 Mullen Rd., Cincinnati, Ohio 45239

## WHO OWNS THE DRAKE EQUIPMENT?

There are five amateurs living in five houses in a row, each painted a different color. Each of the operators has a favorite operating mode, uses a different make of commercial equipment, and checks in on different nets.

1. Jack lives in the black house.
2. John's favorite mode is RTTY.
3. The owner of the brown house uses an Atlas rig.
4. Jim operates with Heath equipment.
5. The brown house is to the right of the yellow house.
6. The op who checks into EAN favors FM.
7. The middle house is equipped with Collins gear.
8. The owner of the red house checks into RN5.
9. The one who checks into RN6 lives in the house next to the one who operates CW.
10. Joe lives in the first house on the left.
11. The amateur who checks into RN5 lives in the house next to the house where SSB is the favorite mode.
12. The Swan equipment owner checks into CAN.
13. Jill checks into 3RN.

COMMITTEE FOR AMATEUR RADIO

P.O. BOX 40201  
FOREST PARK, OHIO 45240

## BITES AND PIECES

-Steve Starke has passed his General test and is waiting on his license. He is also waiting on a 2 mtr Wilson handi-talkie.

-The following have passed portions of their Extra Class exam:

Bill Martin, K4JBY - Code

Bogar Troy, WA4SKP/B Code

Joe Burke, WABOGS 110 Theasy

-ATLAS, that amazingly compact ( $9\frac{1}{2} \times 3\frac{1}{2} \times 9\frac{1}{2}$  inch.) 200 watt solid state 160-15 mtr (or 80-10 mtr)!! Bill Davies, K4JWV, brought his to the Sept. NKARC meeting for all to see.

-73 magazine has dropped another advertiser, but won't disclose the name.

Wilson ups the prices on their new two meter portable (1405 SM) and also on some of their portable accessories. The 1402 SM (six channel) is still \$199 complete.

-Clegg has gone factory-direct on their two meter HT-146. It's now priced at \$197.25 complete.

### WHO OWNS YOU? (cont.)

Answer these questions: Who has the Drake equipment? Who likes to operate FAX? (reprint: Worldradio News, July 1975)

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